Return to Eaton, Eaton & Co.

Superior Fireplaces

1949 EDITION

LIFE OFFERS FEW COMFORTS MORE SATISFYING THAN THE WARMTH AND CHEER OF ONE'S OWN FIRESIDE. TWENTY-FIVE YEARS HAVE BEEN DEVOTED TO THE DEVELOPMENT OF THE SUPERIOR FIREPLACE WHICH BRINGS TO THE MODERN HOME THE PLEASANT, OLD-TIME, OPEN FIRE, AND WHICH AT THE SAME TIME IS AN EFFECTIVE HEATING DEVICE. THIS BOOK OFFERS HELPFUL SUGGESTIONS FOR THOSE WHO CONTEMPLATE BUILDING A NEW FIREPLACE OR REMODELING AN OLD ONE.

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Superior HEATFORM FIREPLACES ARE THE BEST BY TEST

EARLY AMERICAN PROVINCIAL

Knotty pine walls and the red brick of the fireplaces help to create the provincial spirit of these rooms. The photograph at the left shows the cool air intake (bottom) and the warm air outlet (top), both on the sides of the fireplace.

At the right the warm air outlet is shown in the face of the fireplace just below the mantel shelf. In this case the cool air is drawn from the corners of the room through ducts concealed in the low cupboards on each side of the fireplace.

Superior HEATFORM THE MODERN ANSWER

Here is a fireplace showing colonial influence, with painted knotty pine and trim of 1¼"x8" red bricks. Warm air register of colonial design is placed in the front of the fireplace, while cool air inlets are on the sides near the floor. Superior fireplaces are rapidly replacing old-fashioned, inefficient fireplaces all over the country.

The fireplace above is located in the basement recreation room of a Detroit home. It comfortably heats this main room as well as two smaller adjoining rooms. Cool air inlet grilles are located on either side of the fireplace near the floor, and warm air outlet registers appear on the wall above the Superior fireplace. A warm message of welcome is portrayed in the enchanting open fire.

TO ALL YOUR FIREPLACE PROBLEMS

The interiors on this page are modern colonial. The fireplace at the left is of brick construction with a plaster finish. The marble trim is edged with a wood molding. A warm air outlet of the venetian-blind type is at center front, and the cool air intakes are on the sides near the floor.

"We are very much pleased with our fireplace. The even heat distribution is a marvel to us, being so far ahead of a pipeless furnace which we have had before."

E. R. G., KEYSER, W. VA.

The fireplace at the right is a good example of paneled wood and brick design. On one side the cool air intake is hidden by the book shelves; on the other side a duct in the wall brings the cool air from the corner of the room. From the SUPERIOR heating chambers plenty of warm air flows through the open grille in the face of the fireplace.

Superior HEATFORM—THE ULTIMATE RESULT *of* 25

The fireplaces on this page and the next give some idea of the many ways in which SUPERIOR FIREPLACES may be adapted to modern architecture. The possibilities of design are endless.

At the left the corrugated effect is obtained by using specially milled ¾-inch half-round from 1¼" by 6" boards, tongue and grooved, and placed over the bricks. Eight-inch black glazed tile form the trim.

At the right is an interesting bedroom fireplace. The cool air intakes are on the front near the floor, while the warm air outlet is in the shelf formed by the recessed panel above the fireplace.

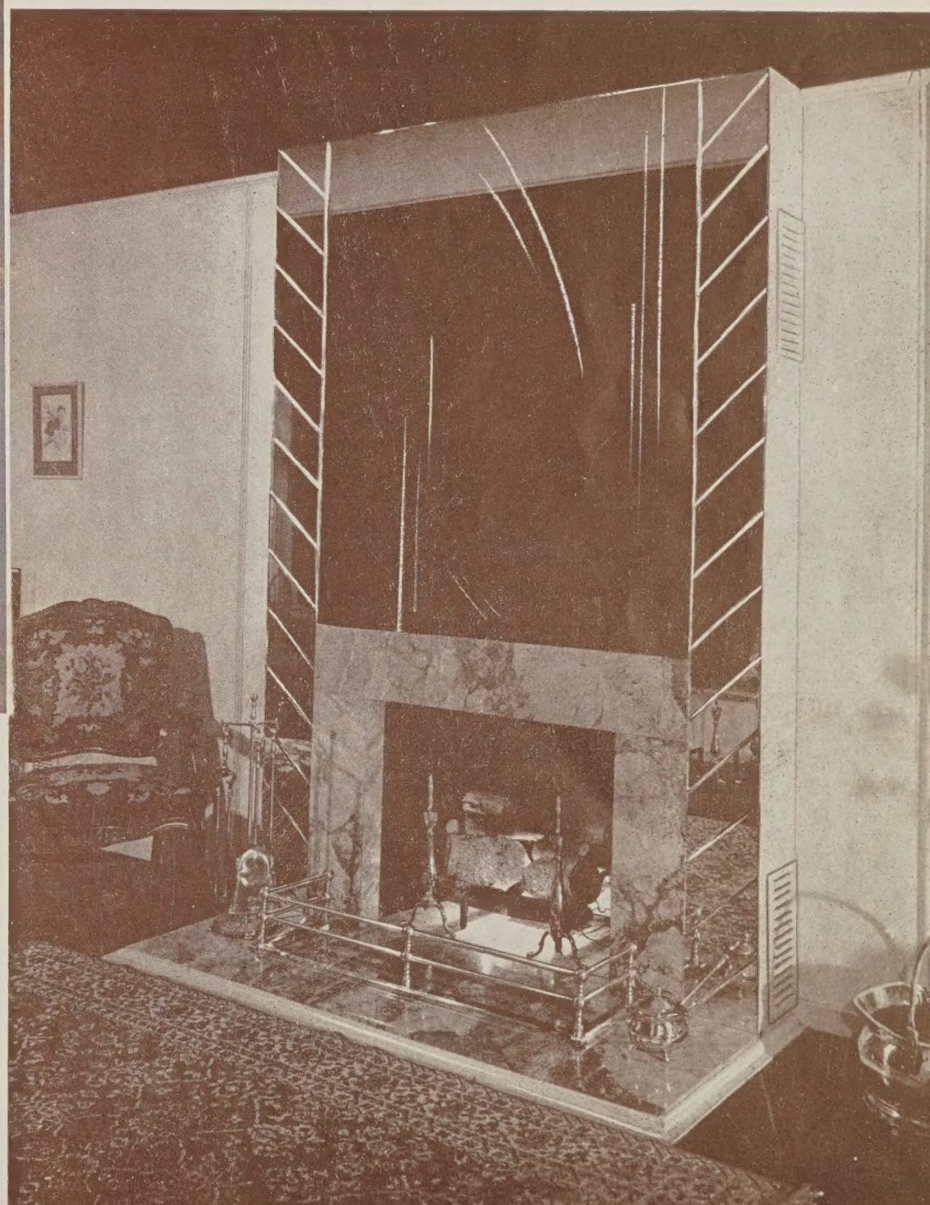
"We have found from experience that the Superior Fireplace Units are most satisfactory as heating systems in homes in this part of the country. In fact, in two houses in which the units are used, they have served their purpose so well that it is not necessary to use any other method of heating."

R. W. T., Lakewood Lands Co.
Tacoma, Wash.

YEARS OF FIREPLACE HEATING ENGINEERING

Here is an interior of a California adobe house. This ancient building material is again being used with success. The solid, thick adobe walls, coated with white cement plaster make the house cool in summer and warm in winter. The fireplace is constructed of the same material, and the grilles as well as the adobe are painted white.

This fireplace of light marble shows a striking use of plate glass mirror paneling, with cool air inlets and warm air outlets on the sides.



Superior HEATFORM GUARANTEES PRACTICAL

Don't fail to provide for your family an open fireplace, the center of interest which so surely draws the family into the living room. The SUPERIOR FIREPLACE is the traditional fireplace grown modern. Not only does it cheer your home but it really does heat your home. You may now have the joy of an open fire with a minimum of fuel costs.

"Just writing this note to tell you how we are enjoying the fireplace unit we purchased from you. We are able to heat a large living and dining room, also two large bedrooms. Our whole house is nice and comfy now — thanks to you and your salesman."

H. E. K., TAFT, CALIF.

The fireplace in this attractive living room lends a homey atmosphere. Note the mason fashioned arch of bricks. To provide free flow of air into the room, the warm air outlet is built of split bricks, soldiered and spaced two inches. Cobblestones were used to complete the pleasing appearance.

This beautiful fireplace is constructed of narrow split stones. The air grilles of the same material provide ample air circulation through the heating chambers of the Superior Circulator.

ECONOMICAL FIREPLACE OPERATION

SUPERIOR FIREPLACES may be built to suit any kind of architecture. The HEATFORM does not in any way limit the design of walls and mantel. It cuts many dollars from your fuel bills.

Here is a pleasant interior with a modern feeling. The fireplace of split-brick trim is located on wood-veneer walls. Open clay tile form the warm air outlet, and over the shelf a wide mirror reflects the charm of the room.

"We want to tell you how satisfied we are with the Superior Heat Circulator you installed in our fireplace last fall. In fact, we have given it the acid test, so to speak, and find it OK.

"During those cold spells we had this winter, we had no other heat in our living room (28 ft. by 20 ft.) and at all times we were quite comfortable. Our friends were skeptical when we had the unit installed; but now they too speak well of the Superior Circulator. If anyone would be interested in seeing this unit in operation, we will be glad to show him the results we have obtained from our fireplace."

F. J. J., BREMERTON, WASH.

"I wish to thank you for the helpful suggestions in the installation of my Superior Fireplace Circulator. I find that it does all that is claimed for it. My living room is quite large (14 ft. by 28 ft.), and it heats with ease, just like having a circulating stove in the room. I was afraid that my fireplace would be more ornamental than useful, as so many are.

"I have come to the conclusion that for economy and comfort it would be a poor investment to build a fireplace without a Superior Fireplace Circulator.

C. R. D., TACOMA, WASH.

The two fireplaces shown on this page are taken from a home of early California architecture, showing Spanish influence. The bricks are of native California adobe, painted white. The intakes and the outlet at the right are formed of masonry. The warm air outlet above takes the form of a copper hood, with copper chair-bottom mesh screen for the grille.

"We have one of your units installed in our fireplace in our house which we built last summer, and are very well pleased with it. In fact, we would never build a fireplace without one, as you get all the good out of your fireplace and find that it heats the whole room and not just a small space in front of the fireplace."

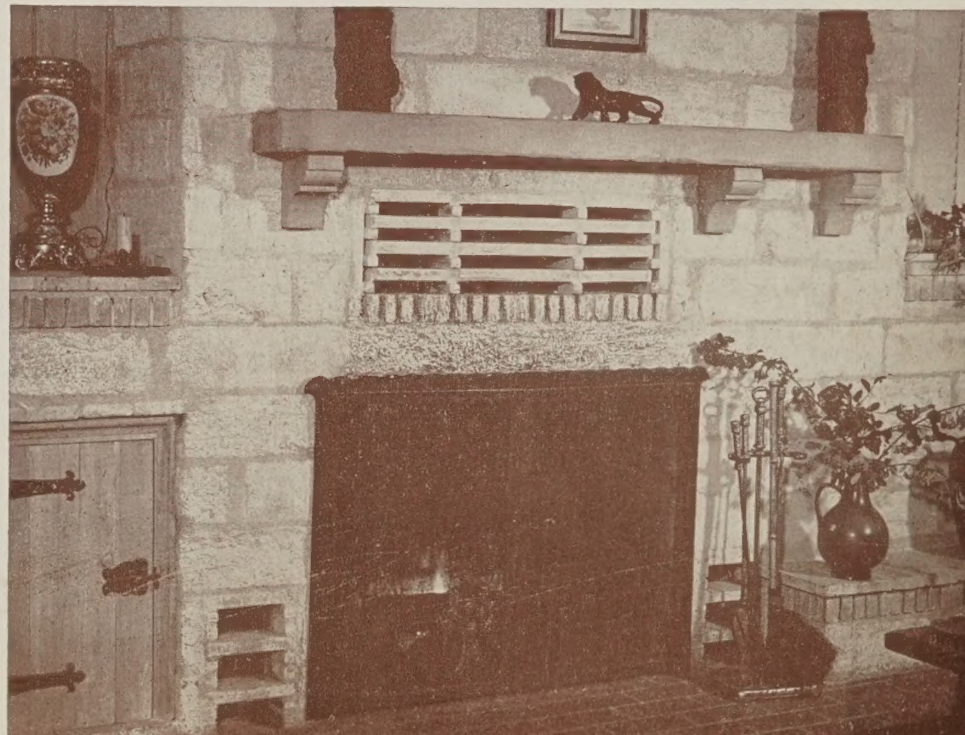
J. W. A., Mount Vernon, Wash.

Superior HEATFORM—ALL

SUPERIOR FIREPLACES have given years of satisfactory service to thousands of users, under all climatic conditions. Home owners are realizing that, after all, a fireplace should "pay its way" in actual service. The way to get the maximum of comfort and efficiency is to build it around the SUPERIOR HEATFORM. It utilizes the heat that usually goes up the flue of an ordinary fireplace.

"We have one of your fireplaces in use and it is everything you claim for it; in fact, it gives satisfaction above all expectations."

E. E. E., Ketchikan, Alaska.



THE NAME IMPLIES

SUPERIOR FIREPLACES deliver four to five times more heat than the ordinary fireplace. SUPERIORS make healthful homes. Don't live in a stuffy, devitalized atmosphere when you can have the healthful heat of an open, wood fire. Safeguard the health of your family by installing a SUPERIOR HEATFORM.

"Our fireplace was almost useless to us because it smoked so badly. In January, '37, during the cold spell we decided to have a 'Superior Circulator' installed; this we did, and with more than satisfactory results. No more smoking, and the heat we get is almost unbelievable for a fireplace. Would not think of building another fireplace without the Superior Unit. We heartily recommend it."

L. C. AND F. U.

The two fireplaces shown here are in the same home. Both are constructed of common red brick, and both are suitable for a ranch home, or mountain lodge. In the one above, the outlet is in the flat top of the fireplace, and the cool air intakes are on the sides. At the left split bricks are spaced to allow a maximum of warm air passage.

"At Lake Arrowhead we have very hot fires, and keep them burning all day during the winter. The Superior is very satisfactory, and gives plenty of heat in freezing weather. The ordinary fireplace would not be sufficient."

H. V. D., LAKE ARROWHEAD, CALIF.
(Mile high winter resort)

Superior GIVES MAXIMUM HEATING COMFORT

The fireplace at the right is constructed of volcanic rocks. It is built on an inner partition wall, making it possible to open warm-air outlets through the back of the chimney to two bedrooms and a bath. In this manner a small mountain home is completely heated.

The fireplace at the left is installed in a luxurious mountain lodge and is constructed of native stone. Upright slabs of stone form the inlets and outlets for a free circulation of warm air. Ornate metal doors close the fireplace when it is not in use.

SATISFACTORY UNDER ALL CLIMATIC CONDITIONS

This attractive fireplace built of field stone around a HEATFORM. It is suitable for a lake or mountain home, or a basement play room, or even a rustic farm house.

Wenatchee, Washington
March 4, 1944

Dear Sirs:

I bought and used with COMPLETE satisfaction, one of your fireplace units seven years ago—now I am moving and again wish to build a fireplace and want to know if it is possible to get a Heatform.

E. C.

The beautiful room and fireplace below accentuates English architectural influence. Warm air from the SUPERIOR HEATFORM flows into the room through the generous outlets, constructed of 1¼"x4"x8" bricks to match, spaced 1½" apart for free passage of warm air. The cool air inlets of the same material and construction are placed at each side of the hearth, near floor level.

Superior Fireplaces may be built to suit any style architecture

The unique corner brick fireplace above is built around a Model C Superior Circulator. The cool air intakes are placed in the sides of the fireplace near the hearth. Warm air is discharged through the flat top of the shelf. The furnishings portray the hobby of the owner.

The plain brick fireplace at right with front warm air register and cool air inlets on the sides to match, lends an air of simplicity to its well balanced surroundings.

The Superior Fireplace Heat Circulator which I ordered from you this spring has been installed in my fireplace, and I cannot refrain from expressing my appreciation of the wonderful improvement it has been to my heating equipment. I find that it is all that you claim for it, and my only regret is that I have not had it before. It gives a really amazing amount of heat with only a fraction of the fuel required by the old fashioned fireplace, and yet we have the comfort and cheeriness of the open fireplace as of old.

The simplicity and sturdiness of its construction, and the ease with which it was installed are also points well worth noting and certainly anyone planning to build a new fireplace would be wise to investigate this circulator. I notice that it creates an even heat throughout our rooms, and that the ever present draft that one feels while sitting by the fire is entirely missing now, and the old story about "burning one's face while one's back freezes" certainly does not apply where your circulator is on the job. I am inviting my friends and neighbors in to see for themselves what a really efficient fireplace is like, and expect to see more of them installed in this locality.

Sincerely and gratefully,
MRS. W. E. CLANCY
SEATTLE, WASH.

and do not in any way limit the design of walls or mantel

"Thanks for your letter of the 15th concerning screen for my fireplace.

"I think your fireplace is a fine kind for this cold country where you need heat as well as effect. I like the grate that you furnish, too. Another thing I appreciate is that the setting seems to have eliminated smoking that is quite common in fireplaces. Just last night I recommended it to a building contractor.

Yours very truly,
A. A. COVEY
Cokeville, Wyoming

"During the past year I have installed four No. 34D Superior Model A Circulators in four houses which I built. They are the sole source of heat for each house, one of which I live in myself. My tenants and I have been very well pleased with the results. They convert a fireplace from an ornament to a very practical method of heating a house.

Yours truly
H. C. DUFF
Bremerton, Wash.

This impressive fireplace adds distinction to the beautiful reception room of the Municipal Golf Course at Griffith Park, Los Angeles, California, where it comforts and welcomes many visitors. Abundant warm air flows into the large room through perforated tile openings in front and on the sides of the fireplace. Air inlets are on each side at floor level.

A massive effect has been obtained with this modern brick fireplace at left. The front warm air register of statutory bronze and metal curtain fire screen harmonizes perfectly with the dark red brick. Note the pleasing flame from the fire in the grate.

SPECIFY *Superior* HEATFORM FIREPLACES

AND BE SURE OF

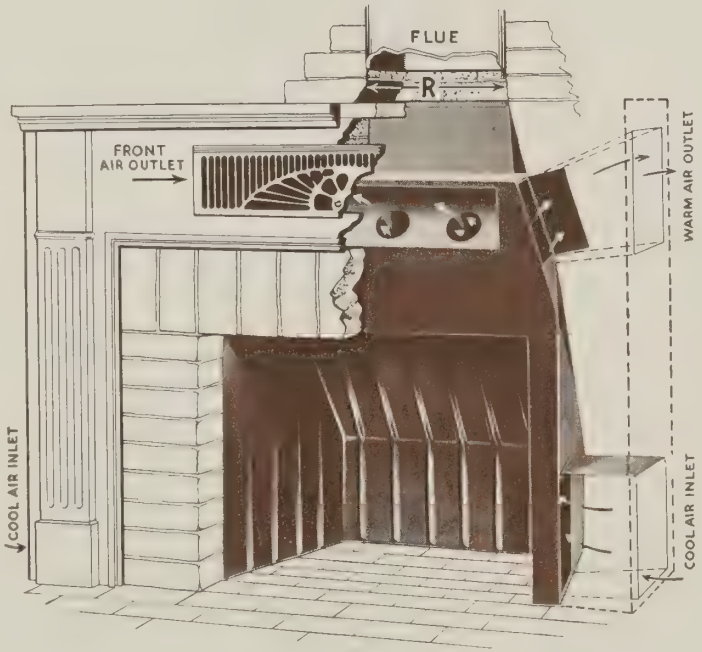
SMOKELESS OPERATION AND EVENLY HEATED ROOMS

SUPERIOR FIREPLACES
are easy to build.

Take no chances! Your fireplace can be perfect if you build it around the SUPERIOR HEATFORM. It consists of Firebox, Throat, and Damper.

SUPERIOR FIREPLACES
cost but little more.

The cost is partly offset by the saving in fire bricks, damper, and labor of the old-fashioned fireplace. Savings in fuel will soon return your investment. Don't be "penny wise"; install a SUPERIOR.



SUPERIOR FIREPLACES
reduce heating costs.

In cold climates the SUPERIOR FIREPLACE will supply all the heat you need in spring and fall. In winter it will supplement your furnace.

In mild climates a SUPERIOR will heat a small home or an apartment all winter. Pipe the heat from your fireplace to adjacent rooms.

* * *

SUPERIOR HEATFORMS
give many years of service.

The Firebox is made of heavy boiler plate iron with arc-welded seams, and is reinforced with ribs die-pressed into the metal to control expansion and warpage.

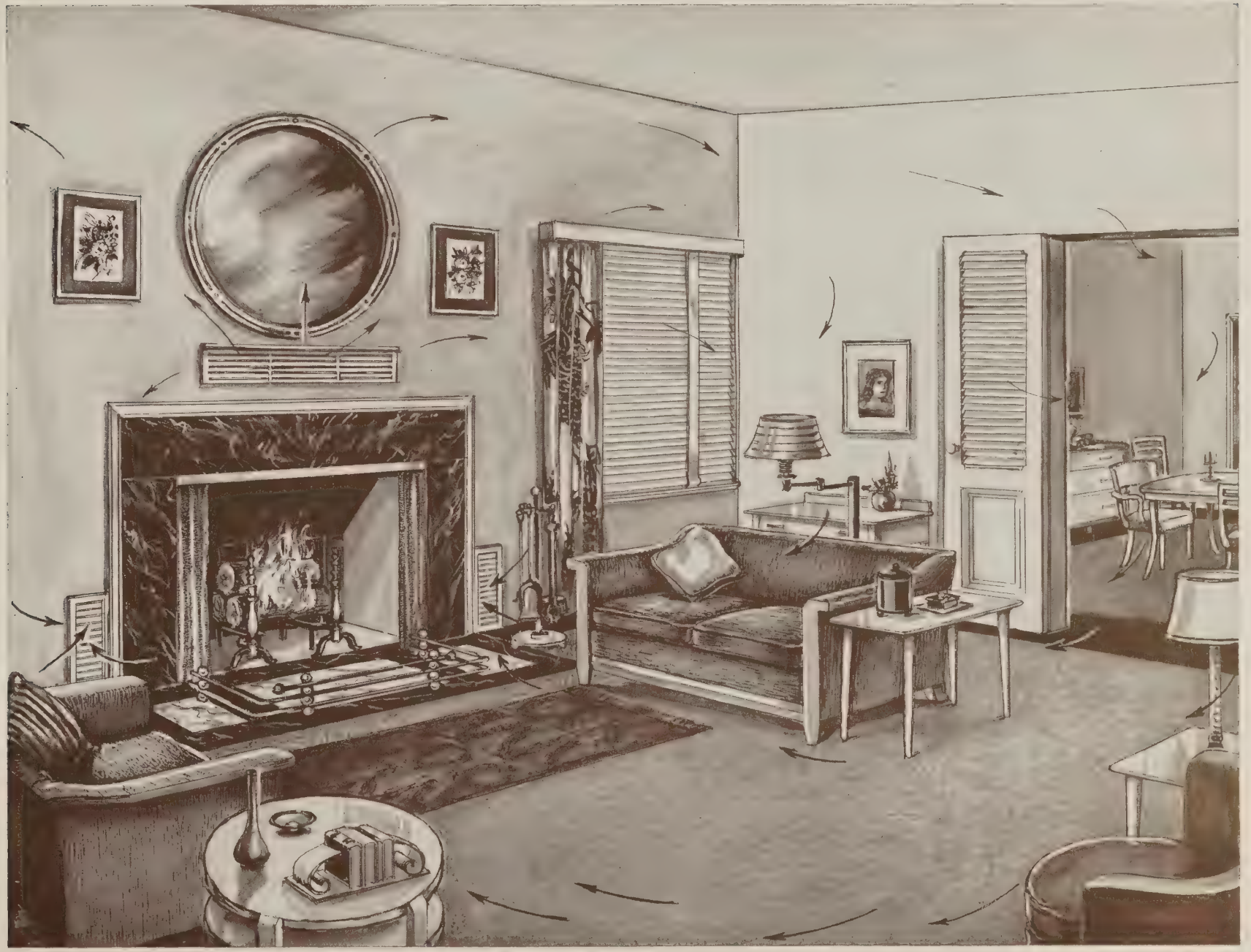
SUPERIOR HEATFORMS
are suitable for any room.

Put a SUPERIOR in any room where you will enjoy a glowing, open fire—living room, rumpus room, den or bedroom. Build a SUPERIOR FIREPLACE for comfort.

SUPERIOR FIREPLACES
deliver more heat.

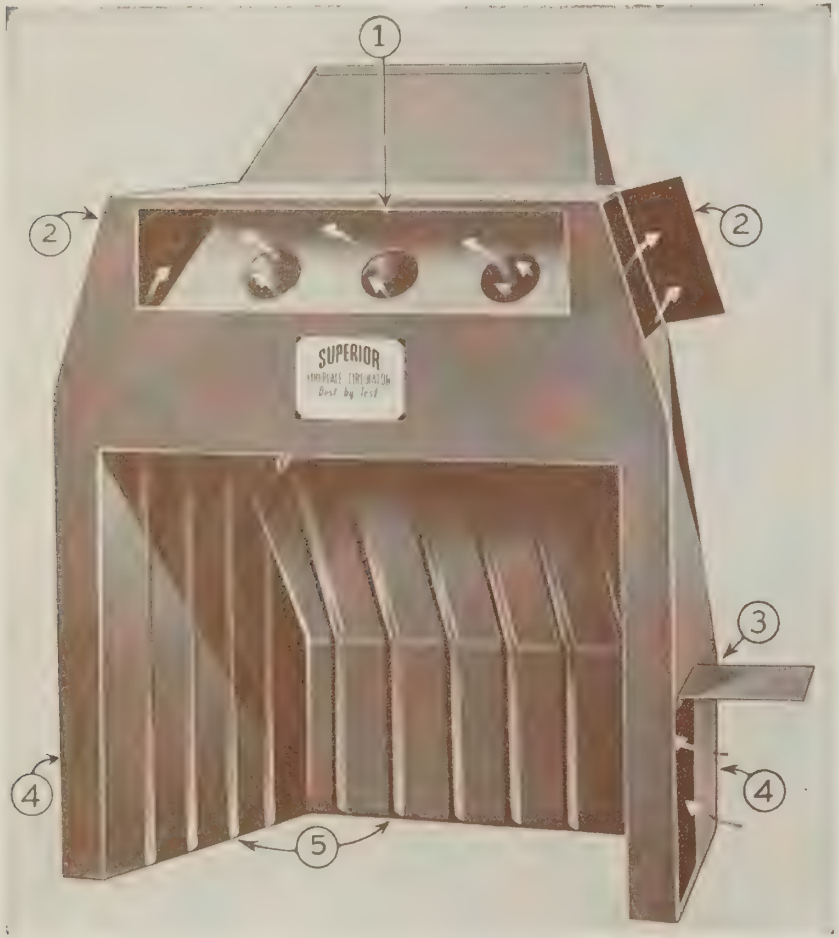
Why waste your heat in an old-fashioned fireplace? A SUPERIOR will circulate warm air through your home, not up the chimney. A SUPERIOR FIREPLACE will fill your home with clean, warm, healthful air.

The Heart of the Home Is the Fireplace . . . Around It Friends and Loved Ones Gather



ARROWS ILLUSTRATE WARM AIR CIRCULATION THROUGH THE HOME

Superior HEATFORM FIREPLACE MODEL A



KEY TO ILLUSTRATION

1. Front warm air outlet, also showing air flues connecting lower and upper heating chambers, thus insuring air passage over all heating surfaces.

2. Side outlets—these may be used instead of the front, or can be used simultaneously with front to discharge heat into adjacent rooms on first or second floors.

3. Horizontal baffle plate is welded to inner lining at this point, forcing cool air into the back heating chambers where most heat is generated. The projecting plate supports the brick work over the air intake duct.

4. Large air inlets at floor level.

5. Die-pressed ribs formed in the metal to add strength and years of service to the circulator. This exclusive feature also equalizes expansion and contraction.

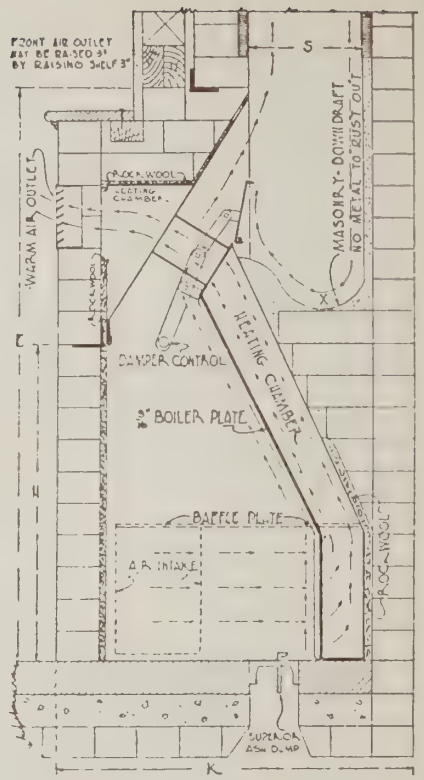
Damper is poker friction controlled to regulate draft into chimney flue. (See sectional drawing at upper right.)

HOW TO DETERMINE PROPER SIZE OF CHIMNEY FLUE

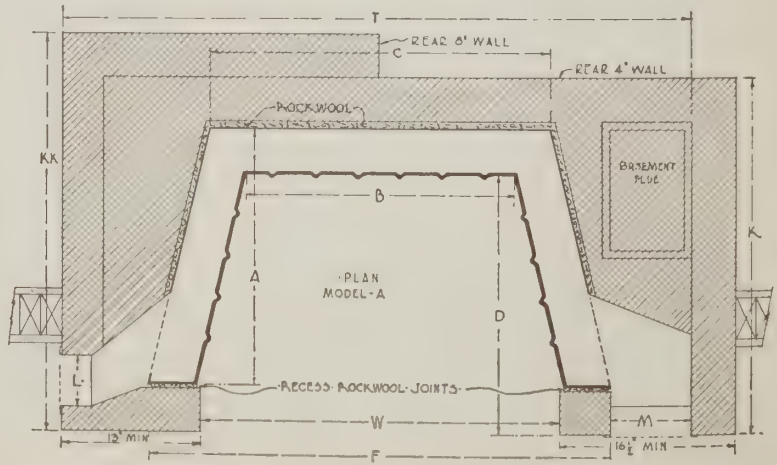
If the total height of fireplace from floor to chimney top is 12 to 17 feet, the net area of flue opening should be 12% of the total area of the front opening of the fireplace. If the total height is 18 to 24 feet, the net flue area should be 10% of the front opening area. If the total height is over 25 feet, the net flue area can be 8% of the front opening area.

HOW TO INSTALL SUPERIOR HEATFORM IN EXISTING FIREPLACE

Determine the size of Heatform the chimney will handle by checking the flue size as described above. Remove the face bricks up to the mantel shelf. Remove the firebrick lining and set the Heatform in place. Build in the back and form the downdraft shelf. Then rebuild the front adding the cool air intakes and warm air outlet.



SECTION



FLOOR PLAN

If M air inlets are used increase T dimensions 8 in.

Superior HEATFORM HAS THESE DISTINCTIVE ADVANTAGES

GREATER HEATING SURFACE

Heating engineers are agreed that fireplace heat circulators are efficient in proportion to the air that passes over the heating surface. The SUPERIOR HEATFORM has heating chambers surrounding the entire firebox and throat. It also has air flues through the throat which connect the lower and upper heating chambers. This method of construction provides the SUPERIOR with a greater and more effective heating surface.

FREE FLOW OF AIR

In a fireplace the greatest heat is generated at the center back of the firebox and in the upper center of the throat directly above the fire. The SUPERIOR is so constructed as to draw most of the air over this intensely heated surface and through the flues into the upper heating chamber. This direct and free passage of air through the throat increases its volume and velocity, making the SUPERIOR the best and most efficient of all fireplaces.

REINFORCED CONSTRUCTION DIE-PRESSED RIBBED FIREBOX

The back inner wall of the firebox is made of 3/16" boiler plate. All joints are securely welded. The walls of the firebox are die-pressed to form vertical ribs. These ribs add great strength to the metal equalizing expansion and contraction. The vertical ribs also provide an air space between the fuel and the metal. This exclusive feature provides for better draft, more complete fuel combustion, controls warpage, adds years to the life of the circulator and improves the appearance of the firebox.

DESIGNED AND BUILT BY THE PIONEERS OF THE INDUSTRY

None of the original basic SUPERIOR construction features have been abandoned during the twenty-five years of manufacturing. Refinements and vital strengthening features have been added to increase heating efficiency, economy, and longer years of service.

The purchase of a SUPERIOR FIREPLACE HEATFORM gives you the ultimate result of these many years of concentrated study of fire place heating problems.

SUPERIOR AIR FLUES A PROVEN NECESSITY

SUPERIOR round flues are properly located and spaced to provide FREE DRAFT into the chimney and have been used for twenty years with perfect performance. Square flues were tried unsuccessfully by other experimentors, but the four-inch round SUPERIOR flues, which are a basic principle of SUPERIOR FIREPLACE ENGINEERING, have been the only successful way of taking heat in large volume from the lower back heating chamber. If it were not for these flues it would be necessary to use fans to approximate the same results. For proper usage of fans refer to page 20.

MASONRY DOWN DRAFT SHELF (X)

The sloping back allows a curved masonry shelf to be built under the chimney as a seal against rain, soot, and ashes. The contact of these would create an acid condition, and cause a metal shelf to decay. The sloping back has another advantage; it draws the air closer to the hot inner lining, and increases the air circulation and heating efficiency.

SUPERIOR HEATFORM GIVES GREATER DOLLAR VALUE THAN ANY OTHER FIREPLACE

Key to Dimensions For Model "A" HEATFORM Dimensions In Inches

SPECIFICATIONS FOR HEATFORM FIREPLACES

Unit No's.	Heating Capacity Cu. Ft.	Heating Surface Sq. In.	Min. Air Inlet Sq. In.	Max. Air Outlet Sq. In.	Depth of Unit A	Fuel Cap. B	Rear Width of Unit C	Firebox Depth Incl. 4" Brick Facing D	4-in. Rear Masonry Wall E	8-in. Rear Masonry Wall E	Front Width of Unit F	Height Finished Opening H	Height to Flat Top of Heatform I	Height to Top of Dome J	4-in. Rear Masonry Wall K	8-in. Rear Masonry Wall KK	Side Air Inlet L	Front Air Inlet M	Inside Flue Dimensions S R	Min. Width of Masonry T	Max. Width of Finished Opening W
25	3500	1964	110	144	19½	17	23½	20½	49	52	32½	25	39	45½	29	33	6x13	8x9	7x11	49	24
31	4300	2245	110	144	19½	23	29½	20½	49	52	39	25	39	45½	29	33	6x13	8x9	7x11	55	30
34	5500	2763	140	166	23	25	32	23½	51	57	42½	26	42	49	32½	36¾	6x15	8x12	11x11	58	33
42	6500	3510	196	178	24	31	37½	24½	54	60	50½	29	46½	52½	34	38¼	8x15	8x15	11x15	66	41
48	7500	4327	196	208	28	36	46	27	X	64	59½	32	49½	55	X	41½	8x15	8x15	11x19	80	47
60	8500	5167	252	220	28	48	58	27	X	64	71½	32	49½	55	X	41½	8x15	8x15	15x19	100	59
72	9500	6562	252	254	30	60	69	29	X	68	84½	36	54	66	X	44	8x18	8x18	19x19	112	71

Heating capacity ratings based on 20 degrees above zero. **Dimensions in inches.**

If the masonry used in constructing either the front or rear wall of the fireplace exceeds 4" in thickness, increase dimensions "D" and "K" accordingly.

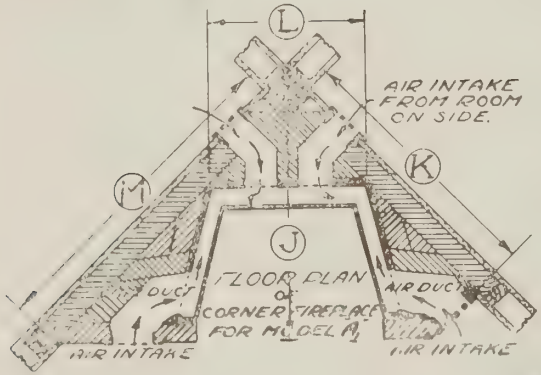
If dimension "H" is raised more than 3", increase the flue liner to the next size.

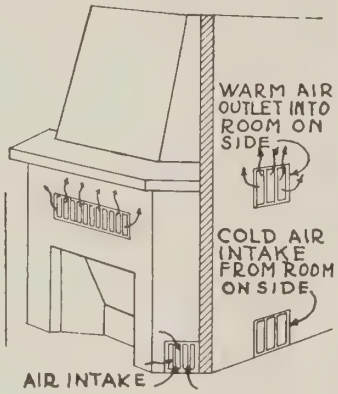
Revised May, 1949

CORNER FIREPLACE SPECIFICATIONS FOR HEATFORM MODEL A.

SPECIFICATIONS
Key to dimensions in inches.

No.	J	K	L	M
29	37	36	28	52
34	44	52	32	62
42	48	57½	38½	68½
48	55	64½	45	77½





CORNER FIREPLACE
Cool air inlets and warm air outlets in dining room at right and hall in rear left. Also warm air outlet in wall above mantel. All warm air outlets are register controlled.

Morton, Washington
May 1, 1944

Dear Sirs:

Is there any chance of getting a Superior Fireplace (medium size) from any of your warehouses within the next month?

The Superior Fireplace was so very satisfactory in our old home that if it is at all possible we want to get one for our present home.

MRS. H. B.

Cool Air Intakes and Warm Air Outlet Built of Bricks in Above Fireplac
Lower—Fireplace Air Inlets of Narrow Vertical Bricks

Superior MOULDED ALUMINUM GRILLES

ALL DIMENSIONS ARE OVERALL

Detachable metal frame set into masonry work holds the grille securely in place. The natural finish may be painted to harmonize with the interior.

When rear or second floor heat outlets are installed, all outlets should be registered. This is necessary to regulate the volume of heat to the desired rooms. All ducts through the masonry should be free from square turns, plastered smoothly, and rise at 45 degrees.

No. 14	O.D.	9" x 8"	R.I.D.	7⅜"x 8⅝"
No. 15	O.D.	8" x15"	R.I.D.	7½"x14½"
No. 16	O.D.	34" x 8"	R.I.D.	34" x 8"

No. 18	O.D.	8" x 8"	R.I.D.	7½"x 7½"
No. 18A	O.D.	8" x12"	R.I.D.	7½"x11⅝"
No. 19	O.D.	8" x15"	R.I.D.	7½"x14½"
No. 20	O.D.	28" x 8"	R.I.D.	28" x 7½"

No. 24	O.D.	25½"x 6⅛"	R.I.D.	25" x 5½"
No. 25	O.D.	30⅜"x 6½"	R.I.D.	30" x 5½"
No. 26	O.D.	36⅜"x 6½"	R.I.D.	36" x 5½"

No. 23	O.D.	28" x 8"	R.I.D.	28" x 7½"
No. 23A	O.D.	25" x 6"	R.I.D.	25" x 5½"
No. 23B	O.D.	30" x 6"	R.I.D.	30" x 6½"
No. 23C	O.D.	34" x 8"	R.I.D.	34" x 8"

REGISTER GRILLES

The following grilles can be furnished with registers at $3.50 additional:
Nos. 20, 23, 23A, 23B

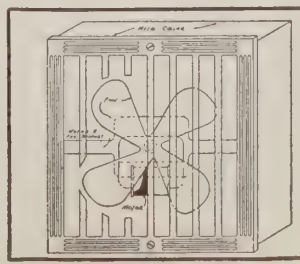
The following grilles at $4.50 additional:
Nos. 16, 23C

The No. 12 and No. 13 register grilles are the proper ones for rear or upper room outlets.
(All prices F.O.B. Factory or nearest warehouse.)

PROPER USE OF FANS

Under normal circumstances the free air passage through the Superior Circulator does not require the use of fans in the cool air inlets. However, when the fireplace is located on the end wall of an exceptionally long and narrow room, fan equipped inlets at the opposite end of the room, with connecting air ducts to the circulator, are recommended.

Suction fans installed in heat outlets to other rooms will increase circulation and quickly warm the rooms. Whenever the rise of ducts to other rooms is less than three inches to one foot, a suction fan in the outlet becomes a necessity.



SUPERIOR FAN GRILLE

No. 18 8" x 8"
No. 19 8" x14¾"

No. 14 8" x 9"
No. 15 8" x15"
No. 21 8" x 8½"
No. 22 8" x12"
No. 22A 8½"x16½"
No. 22D 12" x16"

IMPORTANT—When ordering state whether fan is to be used in cold air inlet or warm air outlet.

No. 4
O.D. 6½"x14¼"
R.I.D. 5½"x13½"

No. 5
O.D. 8¼"x12⅜"
R.I.D. 7½"x11½"

No. 6
O.D. 8"x15"
R.I.D. 7¼"x14¾"

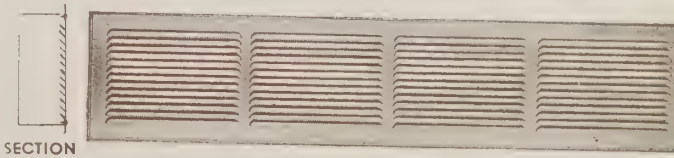
No. 21
O.D. 8"x8"
R.I.D. 7½"x12½"

No. 21A
O.D. 6"x12"
R.I.D. 5½"x11½"

Natural Iron Finish Grille and Register for rear or upper room outlets—

No. 12
O.D. 9¾"x11¾"
R.I.D. 8"x10"

No. 13
O.D. 11¾"x13¾"
R.I.D. 10"x12"



TURNVANE GRILLES—Sheet Steel, prime coat finish

No.	O. D.	R. I. D.
30	26 x6½	25¼x 6
31	32 x6½	31 x 6
32	34¼x7⅜	33⅜x 6¾
33	47 x8¼	47⅞x 9
34	6½x13	4⅞x12⅛
35	8½x13	7⅛x12¼
36	6½x15½	5 x14¾
37	8½x16	7 x15¼
38	11¼x16½	10¼x15⅞

Superior FIREPLACE ACCESSORIES

Superior KOALWOOD

A sturdy castiron fireplace grate with detachable ends and legs.

Note the high back — a protection to the firebox lining.

No. Grate	Front Width	Rear Width	Front Height	Rear Height	Depth	Weight Pounds
24	24"	20½"	8"	9¼"	14"	34 to 37
27	27"	23¼"	8"	9¼"	14"	38 to 40

Available with or without end pieces.

CRANES OF COLONIAL DESIGN

If specified, and when HEATFORM is shipped from factory, the crane lugs are welded onto the unit. Cranes may be ordered separately and installed on the job, with selfthreading screws, by drilling holes in the sidewall of the firebox near the front.

ANGLE IRONS FOR LINTEL AND CHIMNEY SUPPORT In All Sizes

Potosi, Missouri
March 13, 1946

Gentlemen:

We installed two fireplaces to heat this nine room home and also constructed a small basement for a furnace. We have been so well pleased with the heat from the two Superior Fireplace units that we have never installed a furnace and probably never will.

Although we have been forced to use all kinds of makeshift fuel during the war, we have never experienced the difficulties that our neighbors have had with furnaces.

As you know, we have some rather severe weather here, often being below zero for days, and near zero for weeks. We have indoor fish pools and plants, and never have experienced any trouble keeping the proper heat.

Very truly yours,

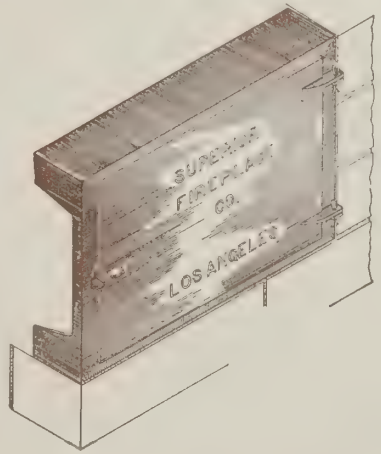
MR. O. C.

THE PROTECTO WOOD GRATE

at right is made of cast iron and designed for wood fires only. A grate is essential for all fireplaces, regardless of the kind of fuel used; first by holding the fuel together, thereby increasing the heating efficiency and reducing smoke and fire hazards by preventing burning fuel from rolling forward on to the floor; second, by adding longer life to the firebox lining, whether it be constructed of metal or bricks. It protects the lining from direct contact with burning fuel and the jarring caused by fuel replacements. Andirons may be used with the grate, but they alone cannot render a complete service. Both the Superior and the Protecto Grates are designed to give the maximum protection and efficiency.

PROTECTO WOOD GRATE

Grate No.	Fireplace Opening	Front Width	Back Width
20	21" to 28"	20"	14"
28	29" to 34"	28"	20½"
38	39" to 47"	38"	30"

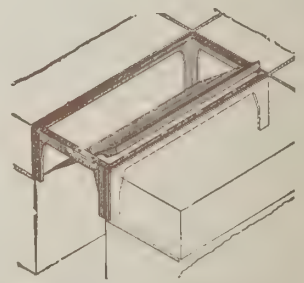


STAY-PUT CLEANOUT DOORS fit brick courses and have a 3-inch flange to anchor securely in brick work.

No.	Sizes: Rough Opening Size	Weight
1—	10x8¾	6½ lbs.
2—	9x13	9½ lbs.
3—	15x15	25 lbs.

SUPERIOR STAY-PUT ASH DUMPS and CLEAN-OUT DOORS

Insist upon the use of Superior Stay Put Ash Dumps and Clean Out Doors. The Ash Dump is securely anchored in the bottom of the fireplace. The legs extend into the brick which holds it firmly in place. The dumping door is fastened to the frame. It will save you the trouble of having to fish it out of the ash pit below.



STAY-PUT ASH DUMPS are securely anchored and cannot fall into the ash pit.

No.	Sizes: Rough Opening Size	Weight
1—	2x4¼x8½	3¼ lbs.
2—	2x7½x8½	4½ lbs.

Superior MODEL C

INDIAN FIREPLACE

The fireplace at right, located in a summer kitchen of a mountain home, is constructed of hard burned common bricks, built around a SUPERIOR FIREPLACE HEATFORM, Model C.

The front warm air outlet is built of split bricks, soldiered and sufficiently spaced to allow maximum volume of warm air circulation.

Note that cool air grilles are placed in circular, raised hearth.

The fireplace below is constructed of adobe bricks covered with white cement plaster. Cool air inlet grilles are placed on projecting sides of abutments, forming shelves on either side for display of ornamental vases or flower pots.

MODEL C

The growing popularity of the corner type fireplace, peculiar to Aztec Indian architecture in the Southwest, has reached all sections of the country. To supply that demand, Superior engineers have designed the Model C Indian circulator, especially adaptable where a curved fireplace is desired, in a corner or on a straight wall.

HEATING CAPACITY RATINGS BASED ON 20° ABOVE ZERO

Circulator Number	Heating Capacity Cu. Ft.	Flue Size
22	2500	10" round or 9"x13"
30	3500	10" round or 9"x13"
35	4250	12" round or 9"x17"

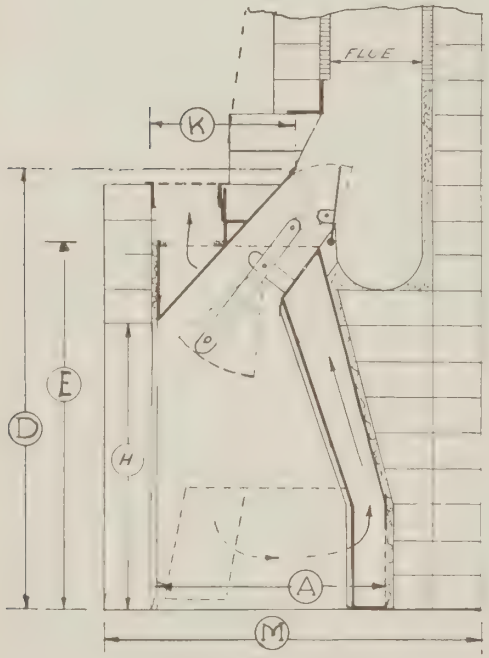
MODEL C
Patent applied for

DETAILED INFORMATION—MODEL C

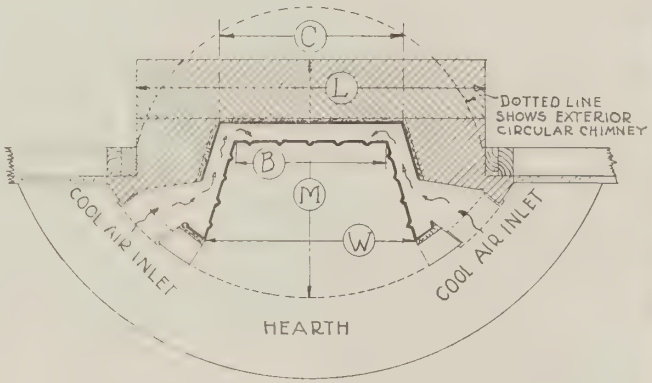
Circulator Number	Heating Cap. Cubic Feet	(Dimensions in Inches) Heating Capacity Ratings based on 20° above zero A	B	C	D	E	H	K	L	M	R	S	W	Flue Size
22	2500	19½	14	19	36½	31	24½	10½	42	33	36	36	21	10″ round or 9 x 13
30	3500	19¾	21	26	41½	34½	27	12½	48	33	40	40	29	10″ round or 9 x 13
35	4250	23¾	24½	30	42½	35	27	12½	56	37	47	47	34½	12″ round or 9 x 17

This corner circular fireplace is constructed of red bricks, interspersed with black klinkered bricks, giving a novel effect. The cool air inlets are placed at each end of projecting abutments.

The warm air outlet is located on the circular shelf. In addition to this warm air outlet, there are also side outlets to adjoining rooms.



SECTION MODEL C

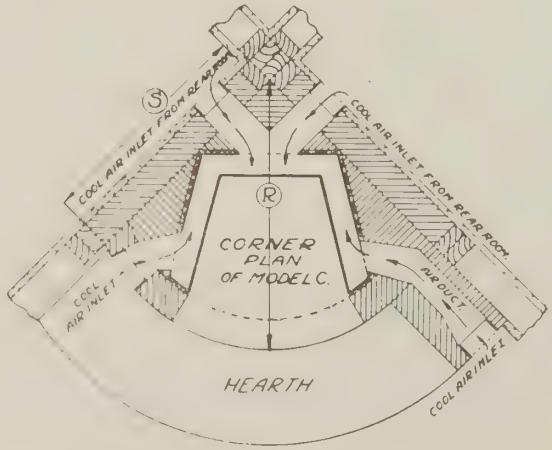


Plan of Model C. Circulator on straight wall

MODEL C
WARM AIR OUTLET GRILLE

No. 30..... 14″ x 6″
No. 31..... 17″ x 6″
No. 32..... 21″ x 6″

See Page 20 for Air Inlet Grilles

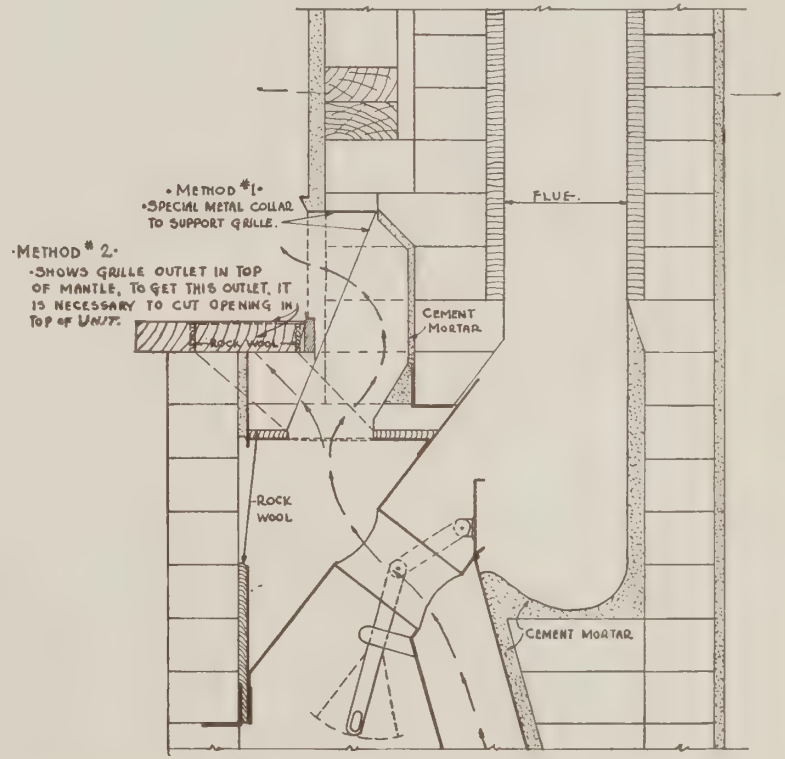


Corner Installation
Model C. Circulator

Superior FIREPLACES MAKE WARM FRIENDS

"I have been using the circulator for one year (this is my second season). It is most satisfactory, so much so, that I have intimated to my friends that it is a crime not to put one in every new fireplace. Several have taken my advice, and are well pleased. I think the Circulator is Superior to all other makes."

COL. H. P., PANAMA CITY, FLA.


·METHOD #1·
·SPECIAL METAL COLLAR TO SUPPORT GRILLE.
·METHOD #2·
·SHOWS GRILLE OUTLET IN TOP OF MANTLE, TO GET THIS OUTLET, IT IS NECESSARY TO CUT OPENING IN TOP OF UNIT.
FLUE.
CEMENT MORTAR
ROCK WOOL
CEMENT MORTAR

·METHOD #1·

·PART SECTION SHOWING WARM AIR OUTLET ABOVE SHELF, WHICH CAN BE LOCATED AT ANY HEIGHT BETWEEN TOP OF MANTLE AND CEILING OR TO SECOND FLOOR, IF DESIRED.

The fireplace at left is suitable for a large room. The front opening is 48 inches high and 72 inches wide. Cool air inlets are placed at the ends near the floor and the warm air outlet is constructed of split bricks, soldiered and spaced to allow for 250 square inches of free air outlet.

Superior FIREPLACES BRING INCREASED RENTALS

September 17, 1945.

In 1941 *a Superior Heat Circulator was installed in my living room. It has given perfect satisfaction under much usage and has been a source of much enjoyment to my family and friends. By comparison it is better in every way.*

H. A. P.
Millis, Mass.

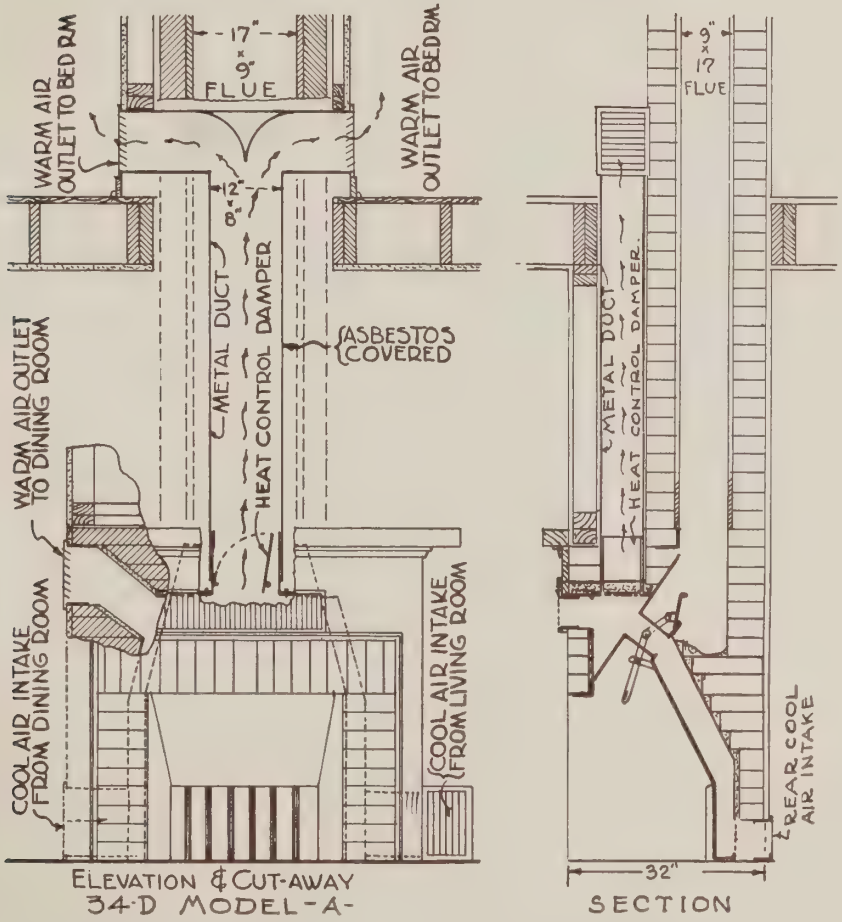
October 16, 1944

I have a hardware store and am interested in Superior Fireplaces. I was in a home recently which had this fireplace, and it is without a doubt the best and most satisfactory fireplace that I have ever seen.

C. C. C.
Durham, Calif.

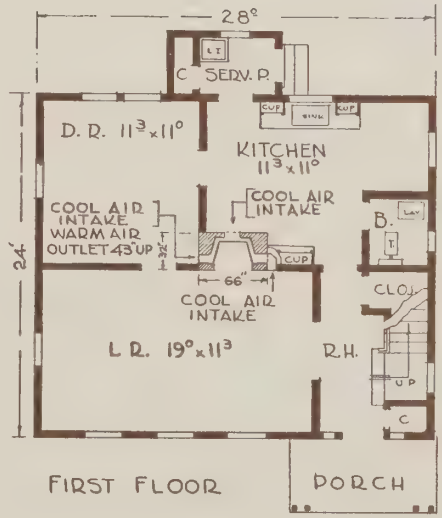
The above is a modern fireplace with cool air inlets and warm air outlets on the sides. Another modern fireplace at right, with cool air inlets on the sides, and warm air outlet on the front.

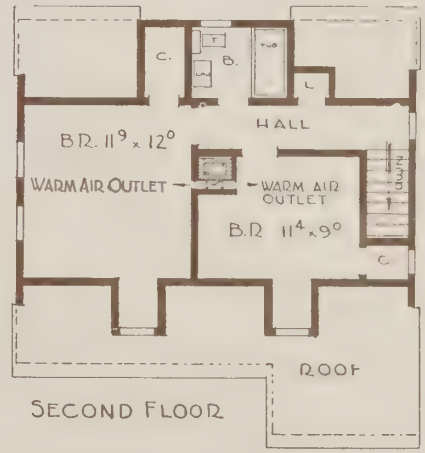
WHY THE EXPENSE OF A BASEMENT?



This illustrates how one SUPERIOR FIREPLACE, properly located, with warm air outlets to adjacent rooms, on first and second floors, will completely heat a small two story home in a mild climate. A special heat control damper with metal collar (12"x7"x8") for joining the metal duct leading to the second floor, will be shipped from the factory at an additional cost of $6.50, prepaid.

(Metal duct to second floor furnished by local sheet metal contractor).





SPECIFICATIONS

One Superior Circulator No. 34D, Model A.

One Superior Grate No. 3.

Three 8"x12" or 6"x14" cool air inlet grilles.

One 8"x10" No. 12 register grille and fan, for dining room outlet.

One 25"x6" front register for living room outlet.

Two 8" x 10" No. 12 register outlets for bedrooms.

One Angle Iron 3" x 3" x 36".

One angle iron 3" x 3" x 42".

Superior FIREPLACES

WILL COMPLETELY HEAT SMALL HOMES

1145 Superior Fireplace Heatforms Used in Federal Housing Projects

After carefully examining several makes of fireplace heat circulating units, the Housing Authorities of the Magnolia Street and St. Thomas Projects, New Orleans, La., selected the SUPERIOR FIREPLACE HEATFORMS to be installed in the 1145 fireplaces to be built in these projects. This proves once again the demand for quality merchandise.

Being the main heating system the fireplace unit in these projects heats the entire apartment. The Housing Authorities made a careful study of the different makes of circulators, their durability and efficiency. The SUPERIOR FIREPLACE HEATFORM was selected because it met every demand of the Housing Authorities.

If the Housing Authorities, selected by the federal government, see the advantage of SUPERIOR HEATFORMS and authorize the expenditure necessary to use them, how much more reason for you to specify a SUPERIOR FIREPLACE for your home.

Edgar B. Whitcomb
525 Woodward Avenue Detroit, Michigan
April 19, 1945

Dear Sirs:

I have had some experience with your fireplace during the last four years on account of one large one that I installed in my summer home at Muskoka Lake, Ontario, and the smaller one in the shack occupied by our men when we are away.

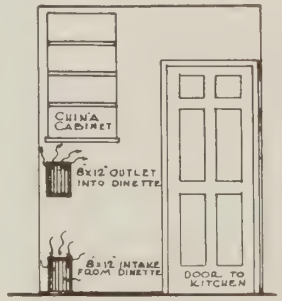
I first saw them in operation and enjoyed the benefits there from when we spent a winter or two during three years previous at El Ranchotel near El Paso.

The bungalow we occupied at Smoke Tree Ranch near Palm Springs was equipped with an ordinary grate, whereas another we stayed in the year before had a grate somewht similar to yours. It is my opinion that none of them are equipped to your design, and. as I want to go back another year, to the one we liked, that did not have a fireplace similar to yours, I spoke to the manager and offered to buy the Heatform if he would install it, this being in case you were once more manufacturing them. *E. B. W.*

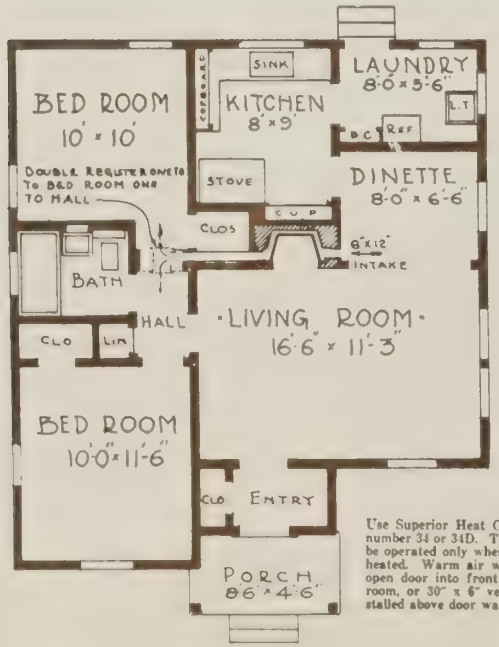
SPECIFICATIONS

One Superior Circulator Model A No. 34.
One Superior Grate No. 3.

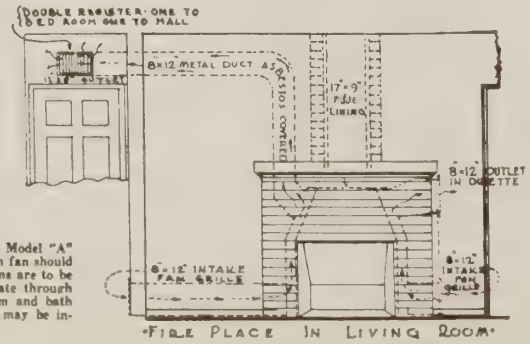
Write for information regarding number of inlet and outlet grilles required.



•WALL OF DINETTE•



Use Superior Heat Circulator Model "A" number 34 or 34D. The suction fan should be operated only when bedrooms are to be heated. Warm air will circulate through open door into front bed room and bath room, or 30" x 6" ventilators may be installed above door ways.


DOUBLE REGISTER: ONE TO BED ROOM ONE TO HALL
8x12 METAL DUCT
17"x9" FLUE LINING
8"x12" OUTLET IN DINETTE
8"x12" INTAKE FAN GRILLE
8"x12" INTAKE FAN GRILLE
•FIRE PLACE IN LIVING ROOM•

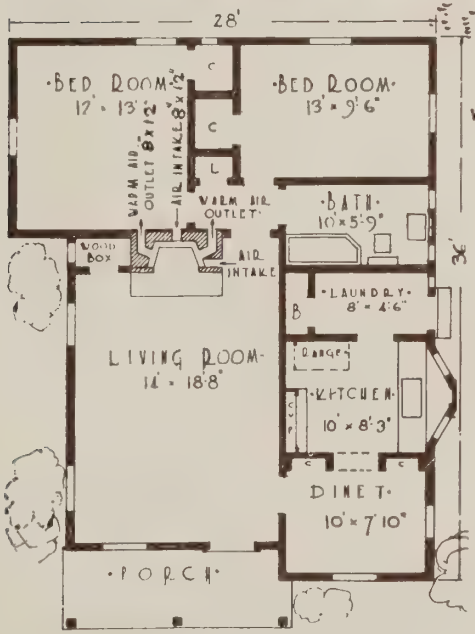
"During the past three and one-half years we have used over 150 Superior Fireplace Circulators, and the customers who are using these units are all very enthusiastic about the splendid results obtained from them.

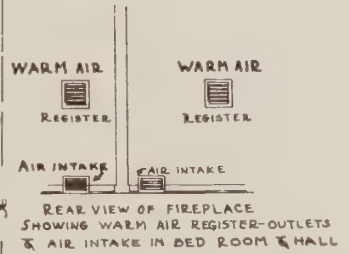
"We have been offered lower priced units, but for the few dollars we could save we were not interested, as the Superior Units are so much more efficient.

"We trust that our experience with this large number of units may be of some value to you in discussing your product with new customers who are not acquainted with the value of Superior Fireplaces."

"SEE" MILLER LUMBER CO.
Seattle, Washington

Make the Fireplace Heat the Home



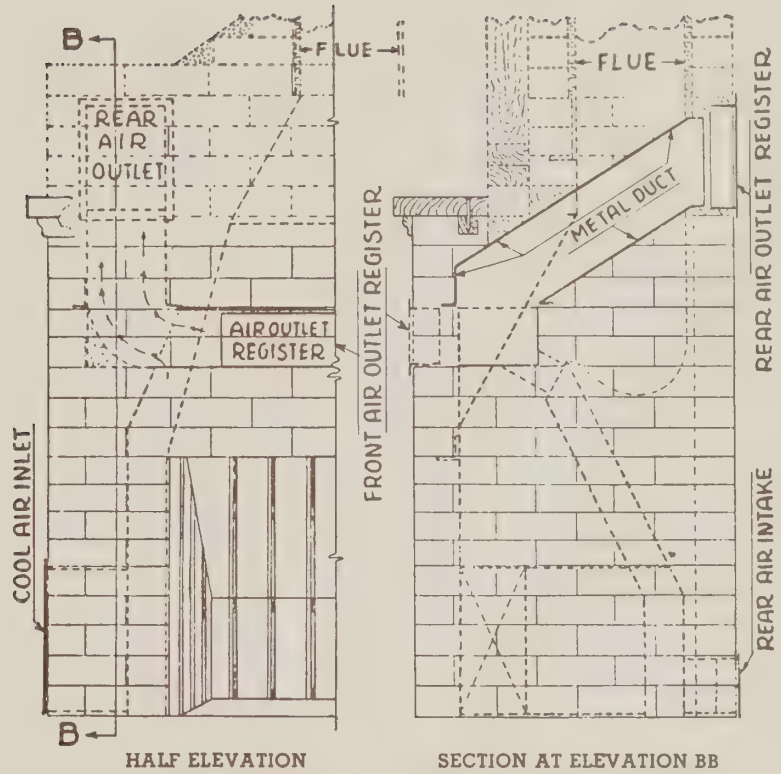


REAR VIEW OF FIREPLACE
SHOWING WARM AIR REGISTER-OUTLETS
& AIR INTAKE IN BED ROOM & HALL

One No. 34D Circulator, Model A.
One No. 3 Superior Grate.
One 25"x6" front outlet register grille.
Two 8"x10" rear outlet register grilles.
Two 6"x14" or 8"x12" cool air inlet grilles.

"We are more than pleased with the qualities of our heater as it heats the five rooms comfortably, with a very low fuel cost. Have recommended it to others."

W. H. F., ALHAMBRA, CALIF.

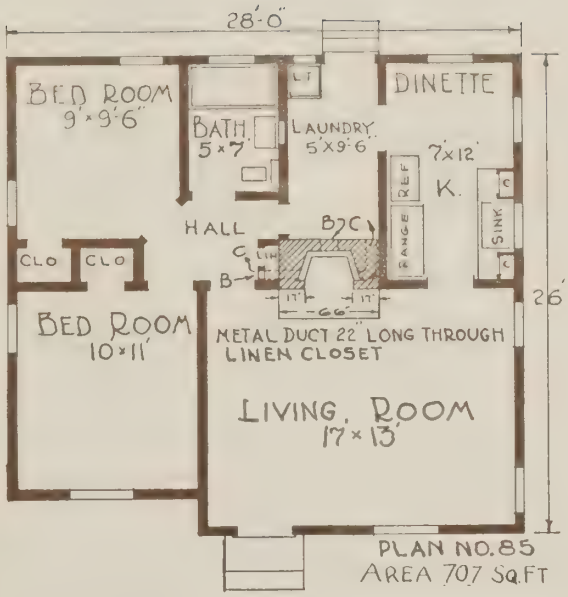


Drawings show the Heatform and air outlet ducts and registers to rear room. Second duct may be used at opposite side of the Heatform for heating another room.

HEATING REAR ROOMS

When rear rooms are to be heated, metal ducts are necessary to insure proper air circulation. You may order metal ducts direct from factory or distributor's warehouse. For Heatforms No. 31, 34 and 42, use No. 12 Registers for rear warm air outlet. For Heatforms No. 48, 60 and 72, use No. 13 registers. The bottom of the register should be set 9 inches or more above the flat top of the Heatform. If the front warm air outlet is used in connection with rear warm air outlets, it should also be register controlled in order to direct the heat to the desired rooms.

Suction fans installed in heat outlets to other rooms will increase circulation and quickly warm the rooms.

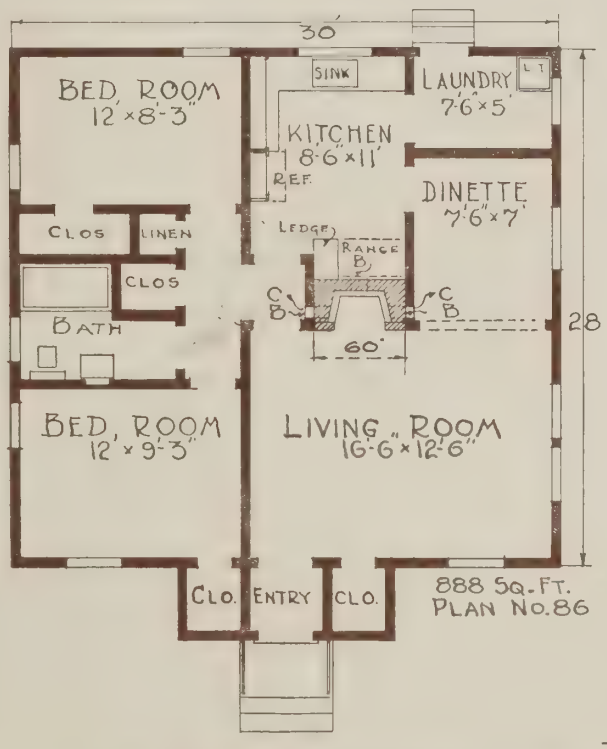


HEATING SPECIFICATIONS FOR PLAN NO. 85

1 No. 34 Model A Circulator
1 No. 3 or 1 No. 28 Fuel Grate
3 8"x12" Air Inlet Grilles
1 25"x6" Front Warm Air Outlet Grille
1 8"x8" Warm Air Outlet Fan Grilles In Laundry
1 8"x12" Warm Air Outlet Fan Grilles In Hall

KEY TO FIREPLACE PLAN

B. Cool Air Inlets (Must be placed at floor level)
C. Warm Air Outlets (Side and rear outlets must be 40" or more above floor level)

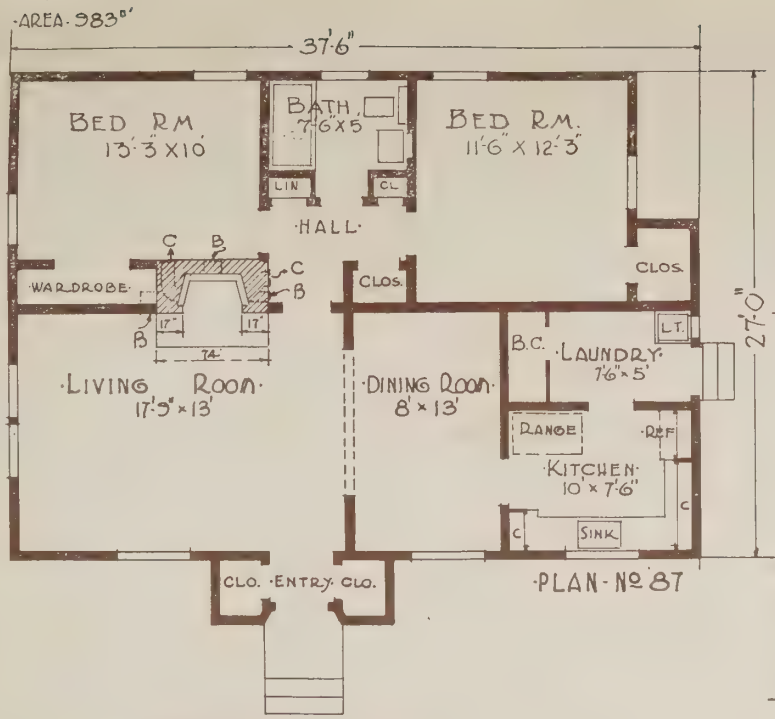


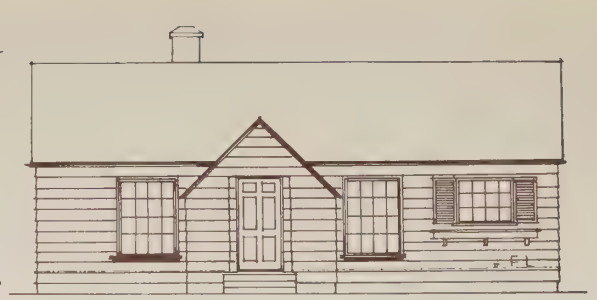
HEATING SPECIFICATIONS FOR PLAN NO. 86

1 No. 34 Model A Circulator
1 No. 3 or 1 No. 28 Fuel Grate
3 8"x12" Air Inlet Grilles
2 8"x12" Warm Air Outlet Fan Grilles

KEY TO FIREPLACE PLAN

B. Cool Air Inlets (Must be placed at floor level)
C. Warm Air Outlets (Side outlets must be 40" or more above floor level)



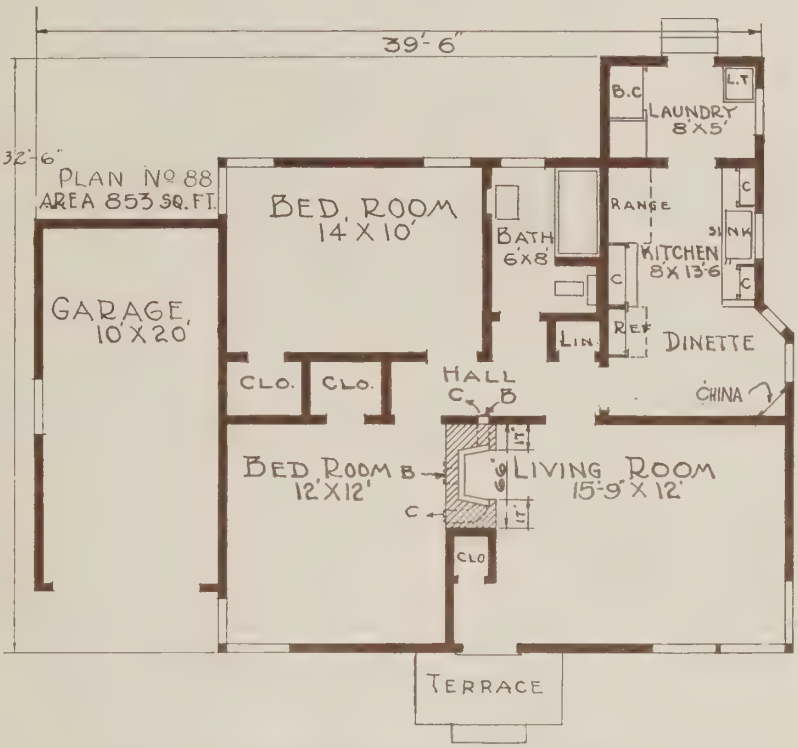


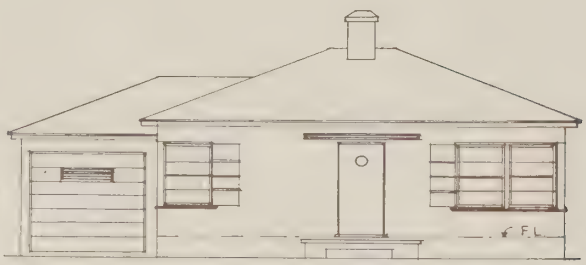
HEATING SPECIFICATIONS FOR PLAN NO. 87

1 No. 40 Model A Circulator
1 No. 4 or 1 No. 38 Fuel Grate
2 8"x12" Air Inlet Grilles
1 30"x6" Front Warm Air Outlet Grille
1 12"x8" Warm Air Outlet Fan Grille for Hall
1 8"x8" Warm Air Outlet Fan Grille for Rear Bedroom

KEY TO FIREPLACE PLAN

B. Cool Air Inlets (Must be placed at floor level)
C. Warm Air Outlets (Side and rear outlets must be 42" or more above floor level)





HEATING SPECIFICATIONS FOR PLAN NO. 88

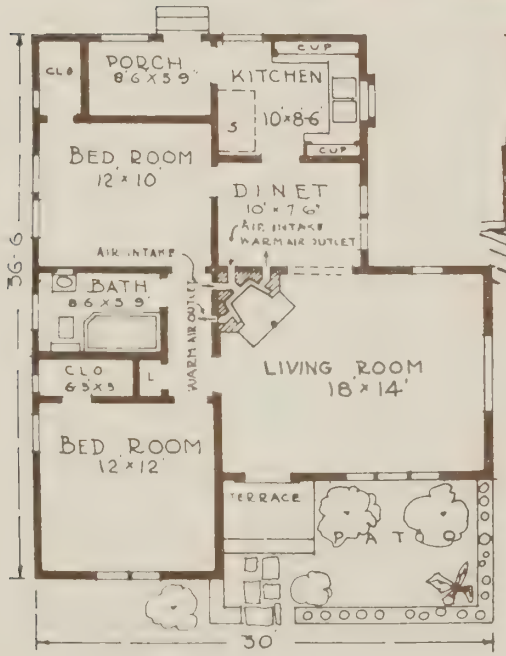
1 No. 34 Model A Circulator
1 No. 3 or 1 No. 28 Fuel Grate
3 8"x12" Air Inlet Grilles
1 8"x12" Warm Air Outlet Fan Grille in Hall
1 8"x8" Warm Air Outlet Fan Grille in Rear Bedroom

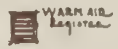
KEY TO FIREPLACE PLAN

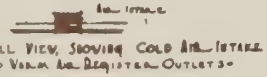
B. Cool Air Inlets (Must be placed at floor level)
C. Warm Air Outlets (Side and rear outlets must be 40" or more above floor level)

"In regards to the Superior Circulating Fireplace, I find it efficient, clean and economical. My fireplace is situated in the center of a four-room house and it efficiently heats all rooms. I have no other heat. My fireplace uses no more fuel than any other heating arrangement, and gives the cheer that only a fireplace can furnish a living room."

J. G., Seattle, Washington.







SUPERIOR FIREPLACE HEATING SPECIFICATIONS

[illegible] Superior Unit Model A

[illegible] Cold air intake from hall into back center of unit.

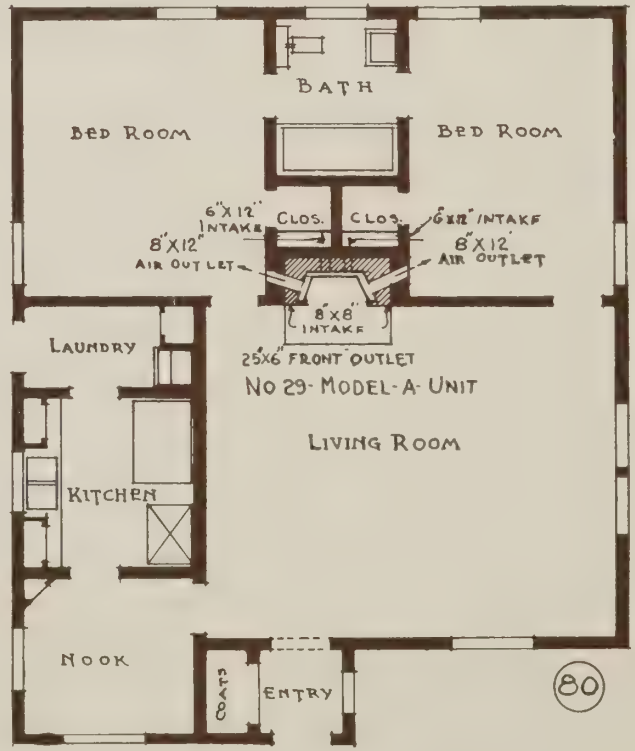
[illegible] Cold air intake [illegible] center of unit.

[illegible] fireplace, near floor level, in living room.

[illegible]

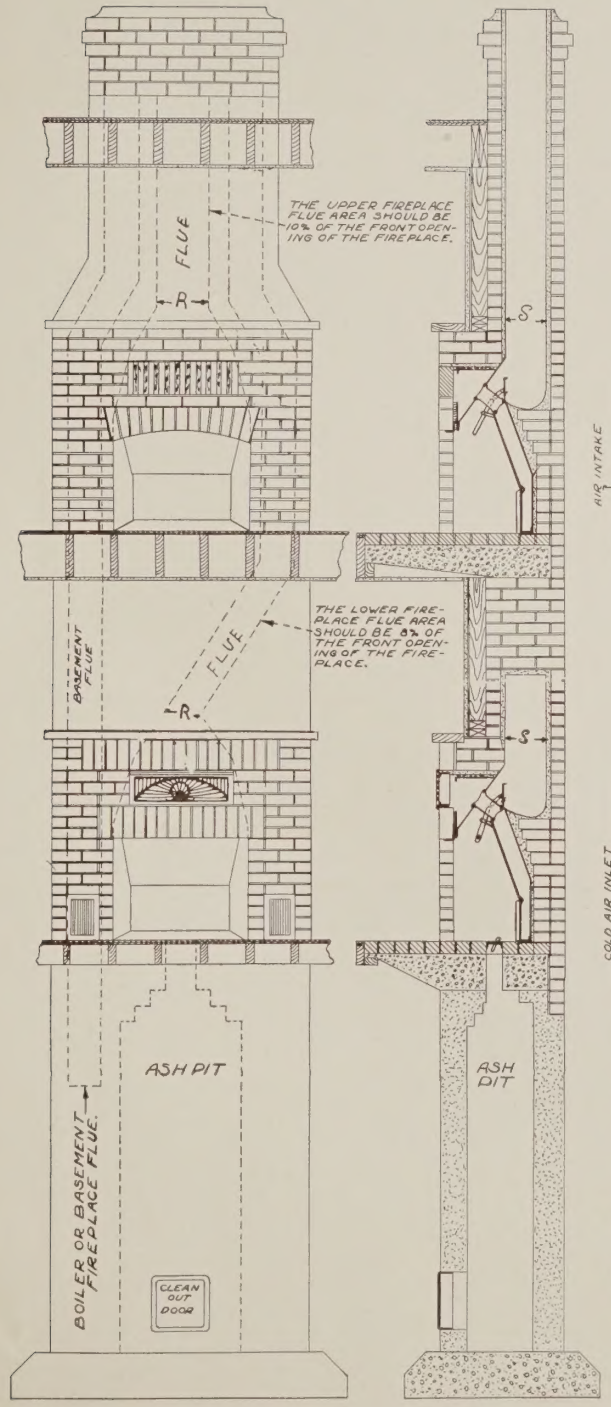
[illegible] and register outlet in living room.

WRITE FOR FIREPLACE HEATING SPECIFICATIONS

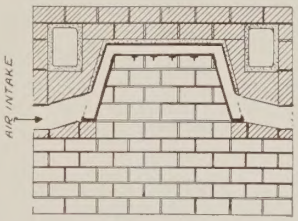


"We installed one of your heat circulators in our fireplace a year ago, and are delighted with it. It heats our 30x30 house in this moderate climate, and so many people who see it are surprised, and plan to have one for their homes."

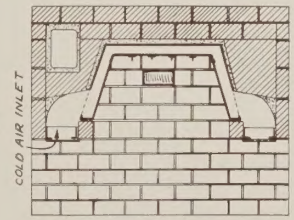
J. W., Port Angeles, Washington.



DETAIL OF CHIMNEY TOP

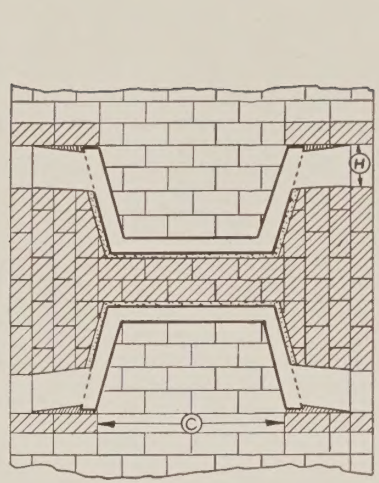


SECOND FLOOR PLAN

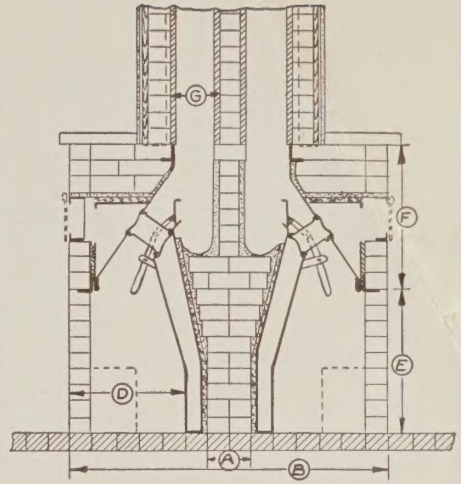


FIRST FLOOR PLAN

BASEMENT
FIRST
AND
SECOND FLOOR
CONSTRUCTION



PLAN



SECTION

The above drawings show two fireplaces back to back on a straight wall

KEY TO DRAWINGS

UNIT	DIMENSIONS IN INCHES									
NO.	A	B	C	D	E	F	G	H	R	S
29A	5	52	28	20	24	21	9 x 13	6 x 12	11	7
34DA	5	60	33	23¼	26½	22	12 x 12	8 x 12	11	11
42A	5	62	41	24½	29	22	13 x 17	8 x 15	15	11
48A	5	70	47	26½	32½	22	17 x 17	8 x 15	15	15
60A	5	77	59	29	33	27	17 x 21	12 x 16	19	15

RICHMOND-HILL PLANTATION

RICHMOND HILL, GEORGIA

March 5, 1942

TO WHOM IT MAY CONCERN:

The Richmond Hill Plantation has installed about thirty Superior Fireplaces, that heat from three to five rooms satisfactory to the tenants. These can be seen at any time and tenants can be interviewed.

RICHMOND HILL PLANTATION,
J. F. GREGORY.

This is the Ford Farm, now known as Richmond Hill Plantation.

YOUR BEST PROTECTION AGAINST SMOKY FIREPLACES

The Superior is a high form and a perfect guide which guarantees proper construction of the most important part of the fireplace—THE THROAT.

SUPERIOR DAMPERS ARE EASILY ADJUSTED

Simply hook end of poker into control handle and pull forward to open or backward to close. The friction control will hold the damper blade firmly in any desired position.

HEAT EXPANSION NEUTRALIZED CRACKING OF MASONRY ELIMINATED

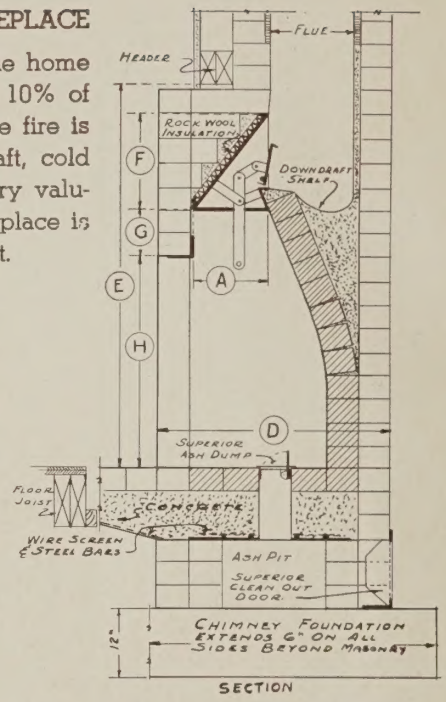
Horizontal cracking of the masonry is caused by the combined expansion of damper and lintel bar. Superior engineers have overcome this difficulty by not attaching the lintel bar to the form. Vertical cracking of masonry is due to the masonry resting directly against the metal form, leaving no space for expansion. Superior provides a complete blanket of rock wool insulation giving ample protection against this serious trouble.

A DAMPER SHOULD BE A PART OF EVERY FIREPLACE

The chimney flue is a direct opening between the home and the outside, and must have a minimum area of 10% of the fireplace opening to insure proper draft when the fire is first lighted. Without a damper to regulate the draft, cold floors would result. The damper renders another very valuable service. It can be entirely closed when the fireplace is not in use, thereby preventing loss of furnace heat.

LIFE-TIME SERVICE

Superior Dampers are constructed of heavy boiler plate iron for life-time service. The form is engineered to proper angles and dimensions. The damper blade is pivoted at the proper point and swings backwards to an open position without allowing down-draft wind currents to enter the throat of the fireplace, thus safe-guarding against fireplace smoking.

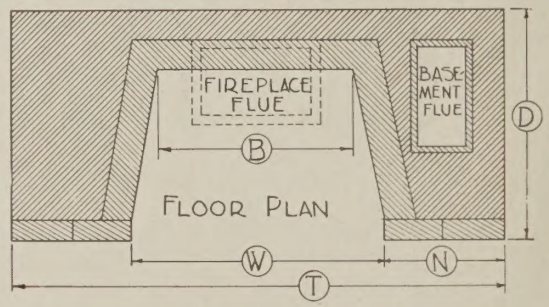


For Nos. 30-36 and 42 the bottom of the form should be set six inches above bottom of the front lintel bar.

Nos. 48-54 and 60 should be set nine inches above bottom of lintel bar.

DISTRIBUTORS IN TRADE AREAS

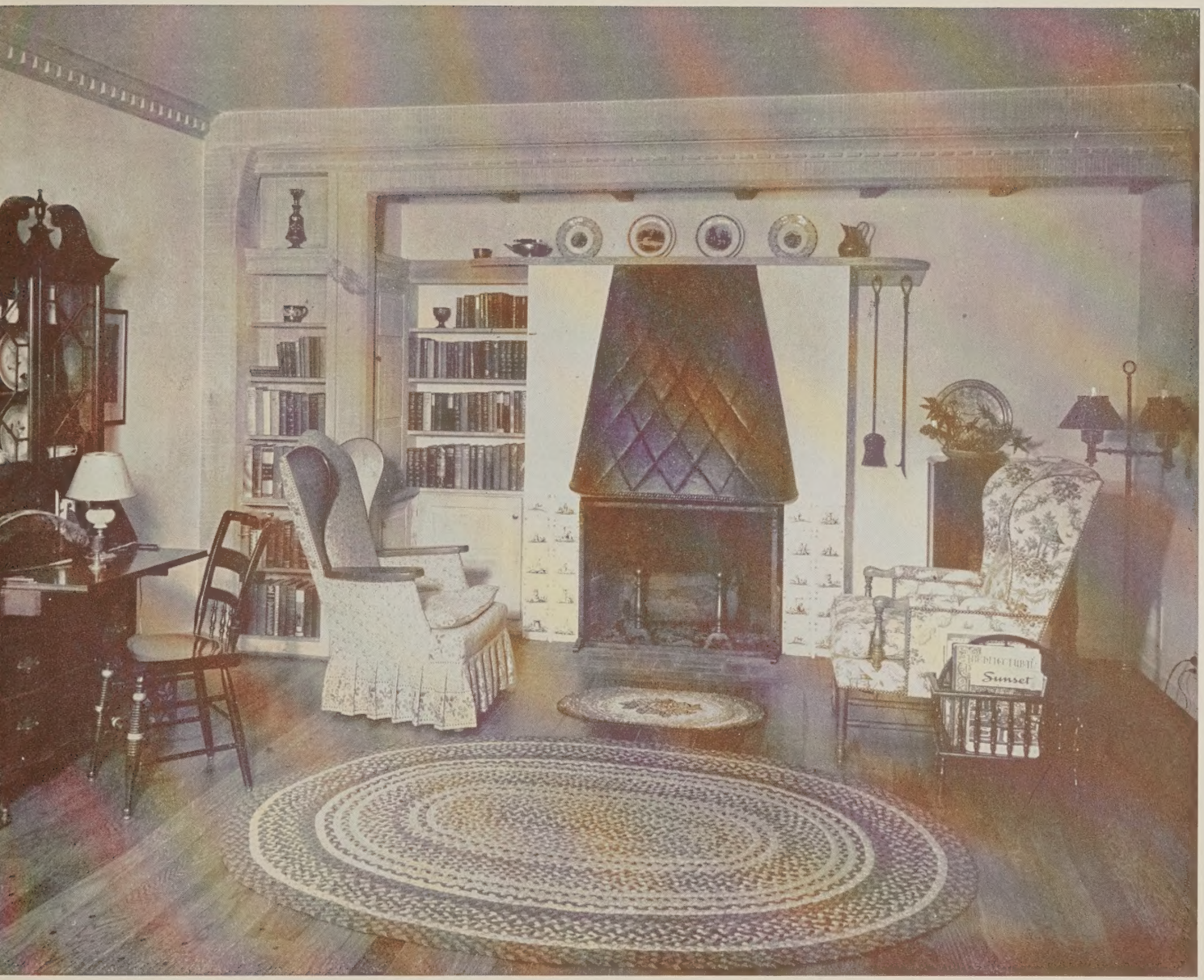
If no distributor in your territory shipments will be made to your Building Supply Dealer from Company warehouses at Los Angeles, Detroit, or Jacksonville, Fla. Freight allowed on shipments of 100 lbs. or more.

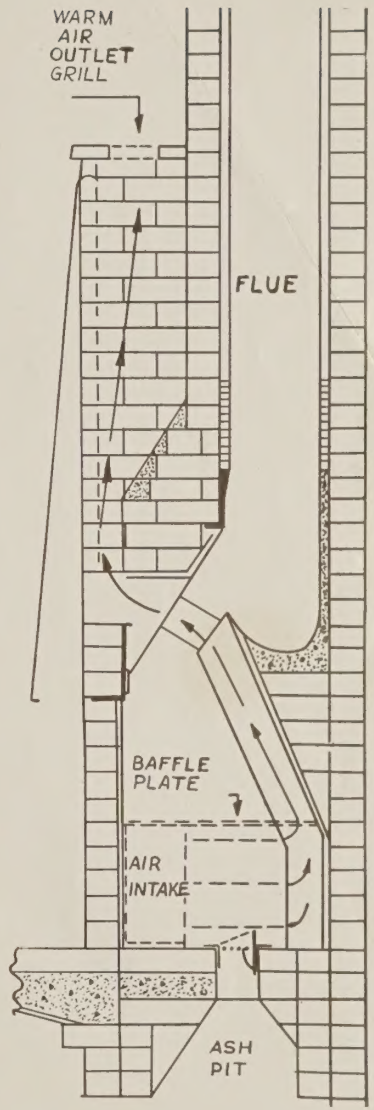


KEY TO SECTION FLOOR PLAN AND DAMPER DRAWING (Dimensions in Inches)

Unit No.	A	B	C	D	E	F	G	H	K	L	M	N	T	W	Minimum Size Flue Lining, O.D.
30	10¼	20 to 22	10	26 to 30	51	12	6	27 to 30	29	16	2½	12½ to 16½	53 to 65	28 to 32	8¾ x 13
36	10¼	26 to 28	10	26 to 30	51	12	6	27 to 30	35	22	2½	12½ to 16½	58 to 70	33 to 37	8¾ x 17 or 12¾ x 12¼
42	10¼	32 to 34	10	30 to 34	57	12	6	30 to 33	41	28	2½	16½ to 20½	75 to 84	39 to 43	12¾ x 12¾ or 12¾ x 16¾
48	10¼	38 to 40	10	38 to 42	63	12	9	33 to 39	47	34	2½	20½ to 25	82 to 89	46 to 51	12¾ x 21
54	10¼	44 to 46	10	42 to 48	69	12	9	39 to 45	53	40	2½	25 to 29	95 to 104	52 to 56	16¾ x 21
60	10¼	50 to 52	10	48 to 54	78	12	9	45 to 48	59	46	2½	29 to 42	102 to 120	58 to 62	21 x 21
72	10¼	58 to 60	10	48 to 54	81	12	9	48 to 56	71	58	2½	29 to 42	114 to 132	70 to 74	Min. I.D. 400 sq. in.

No single flue liner is made large enough to accommodate a 72 inch width fireplace. Therefore we recommend an 8 inch masonry chimney wall with a minimum flue area of 400 sq. in. D. G. N. and T. are suggested dimensions and may be changed to suit the fireplace design.





This unique fireplace with its metal hood and imported Dutch tile is built around a SUPERIOR HEATFORM. The cool air inlets are on the sides near the floor; the warm air from the HEATFORM flows between the masonry and the hood up through the outlet grille in the shelf above.

The hand-chased hood of sheet steel was given an antique appearance by covering it with wet dirt, allowing it to rust, then wire-brushing it, oiling, and waxing with bee's wax. This provincial fireplace is entirely suited to the charming informality of the room.

SUPERIOR FIREPLACE COMPANY

1708 East 15th Street, Los Angeles 21, California

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Pioneer Designers and Manufacturers of

HEAT CIRCULATING FIREPLACES